



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

August 21, 2017

Matt Lepore  
Director, Colorado Oil and Gas Conservation Commission  
Department of Natural Resources  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A.e**  
VERDE 13-3HZ (Doc No. 401333897)  
Township 1 North, Range 66 West  
Section 13: NWNW  
Unit Acreage: 400 Acres  
Unit Spacing: 01N66W SEC 1: W2W2  
01N66W SEC 12: W2W2  
01N66W SEC 13: NWNW  
02N66W SEC 36: SWSW  
Weld County, Colorado

Dear Director Lepore:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies that a thirty (30) day notice has been given by certified mail to all mineral owners in the proposed wellbore spacing unit. We have not received any objections to this spacing unit or location. KMG hereby respectfully requests approval of this well.

If you have any questions or issues regarding this permit, please contact me at (720) 929-3159.

Sincerely,  
**Kerr-McGee Oil and Gas Onshore LP**

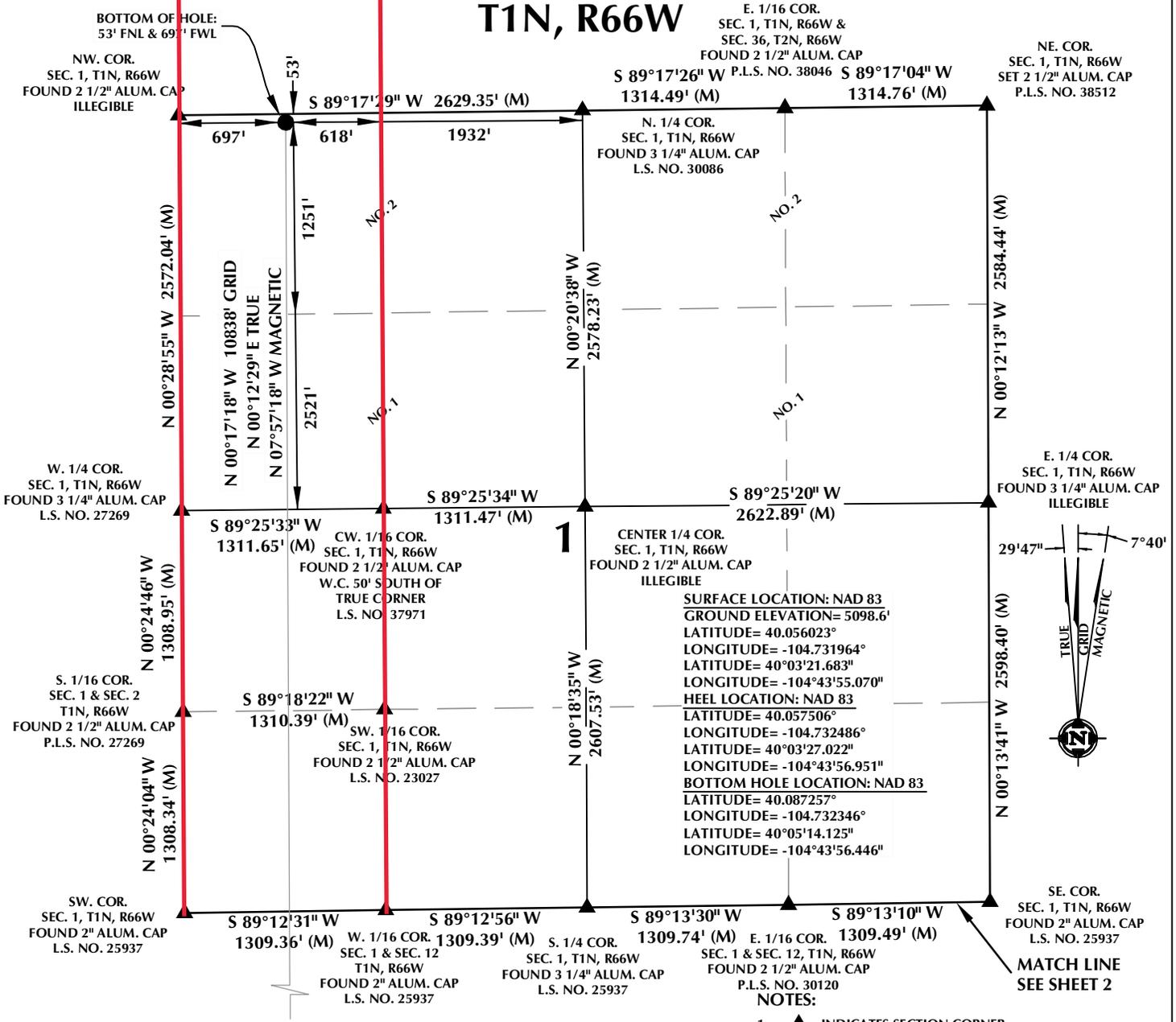
A handwritten signature in blue ink, appearing to read "Nathan S. Bennett".

Nathan S. Bennett  
Regulatory Manager

Enclosure

**PROPOSED SPACING UNIT**

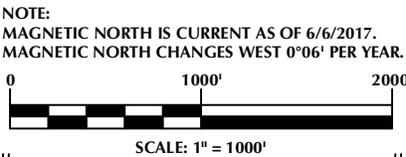
**T1N, R66W**



**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S. 37-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 6/15/17



**WELL PAD - VERDE 13-3HZ**

**VERDE 13-3HZ  
 WELL LOCATION CERTIFICATE**  
 909' FNL & 826' FWL NWNW (SURFACE)  
 368' FNL & 678' FWL NWNW (HEEL)  
 LOCATED IN SECTION 13  
 53' FNL & 697' FWL LOT 2 (NWNW) (BOTTOM)  
 LOCATED IN SECTION 1  
 T1N, R66W, 6TH P.M.  
 WELD COUNTY, COLORADO

**Kerr-McGee Oil &  
 Gas Onshore L.P.**  
 1099 18th Street  
 Denver, Colorado 80202

**609 CONSULTING, LLC**

**SHERIDAN OFFICE**  
 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609

**LOVELAND OFFICE**  
 1635 Foxtrail Drive, Suite 204  
 Loveland, Colorado 80538  
 Phone 970-776-4331

DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>3</b> 3 OF 3
DATE DRAFTED: 6/15/17	DATE SURVEYED: 5/11/17	
REVISED:	FILE NAME: 16-161	

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**PROPOSED SPACING UNIT**

**T1N, R66W**

WELLBORE CONTINUES INTO SECTION 1

E. 1/16 COR.  
SEC. 1 & SEC. 12  
T1N, R66W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 30120

**MATCH LINE**  
SEE SHEET 3

NW. COR.  
SEC. 12, T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

S 89°12'31" W  
1309.36' (M)

S 89°12'56" W  
1309.39' (M)

S 89°13'30" W  
1309.74' (M)

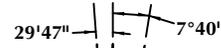
S 89°13'10" W  
1309.49' (M)

NE. COR.  
SEC. 12, T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

W. 1/16 COR.  
SEC. 1 & SEC. 12  
T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°38'16" W  
1332.64' (M)

N. 1/4 COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 25937



N 01°26'15" W  
1331.82' (M)

NW. 1/16 COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 6973

S 89°11'12" W  
1312.78' (M)

CN. 1/16 COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 6973

N. 1/16 COR.  
SEC. 12, T1N, R66W &  
SEC. 7, T1N, R65W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 01°27'51" W  
1331.61' (M)



W. 1/4 COR.  
SEC. 12, T1N, R66W  
SET 2 1/2" ALUM. CAP  
P.L.S. NO. 38512

S 89°10'49" W  
2632.09' (M)

CENTER 1/4 COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 6973

S 89°10'17" W  
2657.10' (M)

E. 1/4 COR.  
SEC. 12, T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°25'14" W  
1332.08' (M)

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 5098.6'  
LATITUDE= 40.056023°  
LONGITUDE= -104.731964°  
LATITUDE= 40°03'21.683"  
LONGITUDE= -104°43'55.070"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.057506°  
LONGITUDE= -104.732486°  
LATITUDE= 40°03'27.022"  
LONGITUDE= -104°43'56.951"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.087257°  
LONGITUDE= -104.732346°  
LATITUDE= 40°05'14.125"  
LONGITUDE= -104°43'56.446"

N 00°38'23" W  
2665.39' (M)

S. 1/16 COR.  
SEC. 12, T1N, R66W &  
SEC. 7, T1N, R65W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°25'21" W  
1332.11' (M)

SW. COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 6973

S 89°08'24" W  
1323.42' (M)

S 89°08'20" W  
1323.33' (M)

S. 1/4 COR.  
SEC. 12, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 6973

S 89°08'39" W 2646.96' (M)

**MATCH LINE**  
SEE SHEET 1

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*Randall K. French*  
38512  
PROFESSIONAL LAND SURVEYOR

RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512  
6/15/17

NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST TAKE LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.

NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 6/6/2017.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

**NOTES:**

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972250 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 13, T1N, R66W  
OPERATOR: ROB WILSON / PDOP = 1.2
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°17'18"W, 10838' FROM THE HEEL LOCATION.

**WELL PAD - VERDE 13-3HZ**

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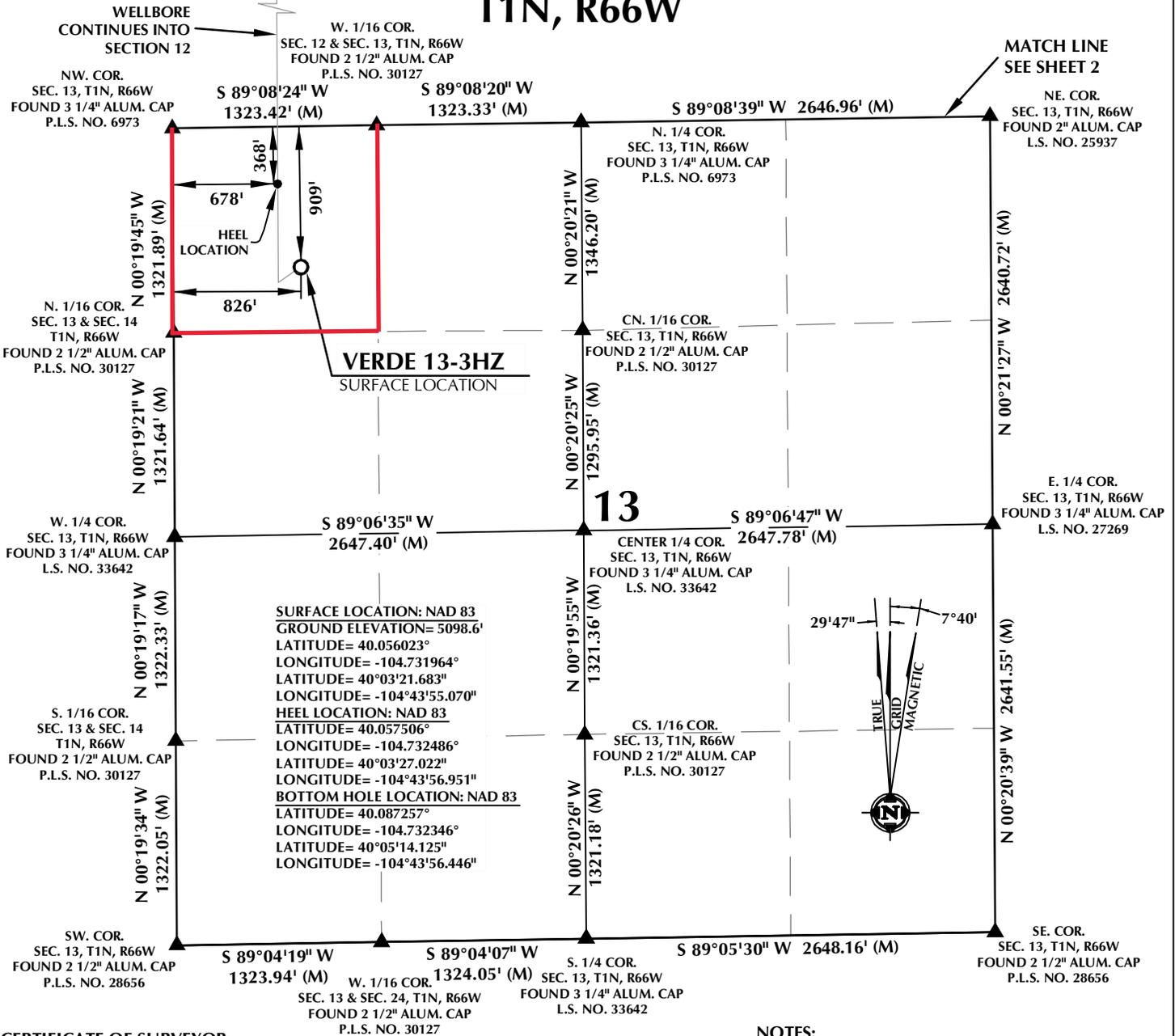
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**T1N, R66W**

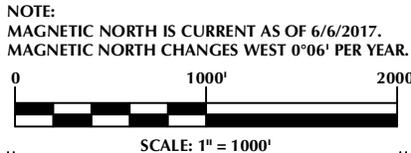


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